

**RAINFALL EFFECTS ON POSTEMERGENCE APPLICATIONS**

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Rainfall shortly after application often reduces weed control from postemergence applications because the herbicide is washed off the leaves before absorption is complete. Herbicides vary in rate of absorption and in ease of being washed from leaves; therefore, herbicides vary in response to rainfall. The amount and intensity of rainfall influence the washing of herbicide from leaves. The approximate time between application and rainfall needed for maximum weed control from several herbicides are as follows:

Pesticide	Time needed between application and rainfall (hours)	Pesticide	Time needed between application and rainfall (hours)
Accent	4	Ignite 280 SL	4
Accent Gold	6	Laddok	4
Achieve	1	Lightning	1
Aim	1	Marksman/Rifle Plue	4-6
Ally	4	Matrix	4
Amber	4	Maverick	4
Assert	3	MCP Amine	4
Assure II/Matador	1	MCP Ester	1
Atrazine & Oil	4*	Mirage Plus	4
Banvel	2-3	Northstar	4
Basagran	4	Olympus	4
Basis	4	Olympus FLEX	4
Basis Gold	4	Option	2
Beacon	4	Peak	1
Betamix	6	Paramount	6
Betanex	6	Permit	4
Blazer Ultra	1	Phoenix	2
Bronate Advanced	½-1	Poast	1
Buctril	1	Poast Plus	1
Bucktril & Atrazine	1	Progress	6
Callisto	1	Puma	1
Celebrity Plus	4	Pursuit	1
Cimarron Max	4	RT Master II	1-2
Clarity	4	Raptor	1
Classic	1	Resource	1
Clean	4	Rimfire	4
Cobra	½	Roundup WeatherMax	½
Crossbow	6	Saber	6
Curtail/Curtail M	6	Salvo	1
Dakota	1	Select	1
Discover	½	Shotgun	2
Distinct	4	Silverado	4
Everest	1	Spirit	4
Express	4	Starane	1
Finesse	4	Steadfast	4
First Rate	2	Stellar	1
Flexstar	1	Stinger	6
Fusilade DX	1	Synchrony STS	1
Fusion	1	Tordon 22K	2
Gramoxone Max	½	Touchdown HiTech	4
Grazon P+D	4	Touchdown Total	1
Goal	4	Valor	1
Halex GT	½	2,4-D Amine	6
Harmony Extra	4	2,4-D Ester	2
Harmony GT	1	WideMatch	4
Honcho	6	Yukon	4
Hornet	2		

\* rain may improve performance

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**Rule of Thumb:** Many farmers do not spray when there is dew on the crops or weeds. Many times you can go ahead and spray if you follow this simple rule of thumb: Spraying is OK if the combination of dew and spray do not exceed the point of run-off.

Source: Loveland Products, Inc.